

Title (en)
TELEPHONE SWITCHING MECHANISM

Title (de)
SCHALTMECHANISMUS FÜR TELEFON

Title (fr)
SYSTEME DE COMMUTATION TELEPHONIQUE

Publication
EP 0995208 B1 20030502 (EN)

Application
EP 98933304 A 19980708

Priority
• US 9814277 W 19980708
• US 89381697 A 19970711

Abstract (en)
[origin: WO9903119A1] An electro-mechanical circuit uses a plunger to open and close a circuit as an indication of the position of a flip portion of a mobile communication device. The plunger includes an electrically conductive portion which slidably contacts a contact pad. Upon contacting the contact pad, a change in logic states occurs which triggers circuitry to activate or de-activate the internal electronics within the communication device. This allows a user, for example, to activate a phone to receive a call without having to depress a specified switch. A common cam-follower mechanical configuration is used to cause the plunger to translate axially as the flip portion is moved.

IPC 1-7
H01H 3/16; **H04M 1/02**

IPC 8 full level
H01H 3/16 (2006.01); **H04M 1/02** (2006.01)

CPC (source: EP US)
H01H 3/162 (2013.01 - EP US); **H04M 1/0214** (2013.01 - EP US); **H04M 1/0216** (2013.01 - EP US); **H04M 1/0245** (2013.01 - EP US)

Citation (examination)
US 5175759 A 19921229 - METROKA MICHAEL P [US], et al

Cited by
US7873159B2

Designated contracting state (EPC)
ES GB SE

DOCDB simple family (publication)
WO 9903119 A1 19990121; AU 8297798 A 19990208; BR 9810582 A 20000905; CN 1129925 C 20031203; CN 1262772 A 20000809; EE 04167 B1 20031015; EE 200000023 A 20001016; EP 0995208 A1 20000426; EP 0995208 B1 20030502; HK 1029652 A1 20010406; US 5956398 A 19990921

DOCDB simple family (application)
US 9814277 W 19980708; AU 8297798 A 19980708; BR 9810582 A 19980708; CN 98807029 A 19980708; EE P200000023 A 19980708; EP 98933304 A 19980708; HK 01100422 A 20010116; US 89381697 A 19970711